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Tyre-tread role of *Trichoderma harzianum* 203 in sprouts infestation of wheat by *Fusarium oxysporum*

Yakushenkova T., Hadi I.

Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

© 2016, International Journal of Pharmacy and Technology. All rights reserved. It is shown that the fungi-antagonist *Trichoderma harzianum* 203, performs protective function influencing the pathogenic fungi *Fusarium oxysporum*, causing root decay. During the conducted research it was established: positive influence of this fungi on sowing seed quality and accumulation by sprouts of dry and crude biomass and underground part both in monitoring, and in case of infestation with a pathogenic fungi. It is revealed that the fungi-antagonist *Trichoderma harzianum* 203, reduces peroxide oxidation of lipids. Decrease in peroxide oxidation of lipids under the influence of *Trichoderma harzianum* 203 takes place at the expense of antioxidants of the nonferment nature.

Keywords

Mycology, Phytopathology, Plant protection, Plant stability